

USER MANUAL



MappyField 365

"Installation & General Configuration"

Version: 5.0.0

Compatibility:

Dynamics CRM 2016 or Dynamics 365, Online or On-premises or PowerApps

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Introduction

AppJetty MappyField 365 plugin provides geo-analytical solutions to **Dynamics CRM** users and helps them to plot CRM data in maps.

In this user manual, we have explained **installation**, **activation**, & **configuration** of the MappyField 365 plugin in the DynamicsCRM.

MappyField 365 Map view and its **Functionality** user manual is sperate. In that manual we have explained the features and functionality of the MappyField 365.

Prerequisites

Following requirement must be followed before starting the Plugin installation:

- You should be logged into Dynamics CRM 2016 or Dynamics 365, Online or On-premises.
- You will have to generate Bing Map API key. How to generate Bing Map API Key?

Installation & Activation

New changes

As per the **MappyField 365** version **5.0.0**, the following topics are updated or newly added:

- ➤ New UI-UX
- Dashboard Configuration
- Live User Tracking
- Analytical Dashboard Individually

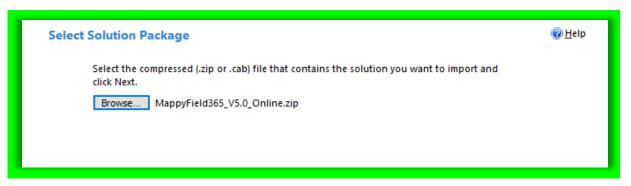
Installation Steps

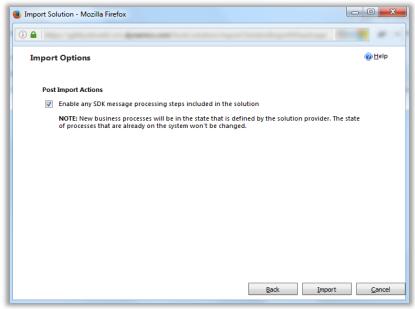
- To install 'MappyField 365' plugin, the following steps are to be followed:
 - On purchasing the plugin, you will get a zip file named "MappyField 365 365.zip".
 - Login into your CRM Account and click on **Settings -> Solutions.**



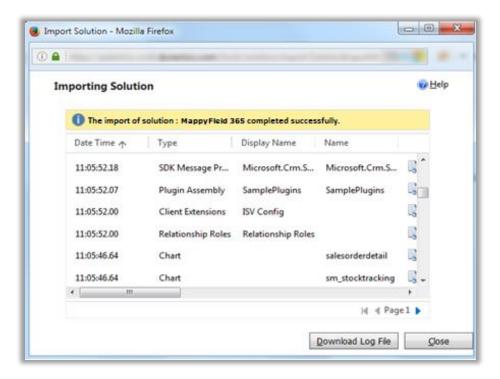
- Click on 'Import' to upload and install the Solution.
- Click on 'Choose File' button and choose the Package Zip File for MappyField 365 from the Import Solution Window. Click on 'Next' for further processing.

<u>Note</u>: You will get the MappyField 365 package zip in the main folder of the MappyField 365 and find the package in that folder. MappyField $365 \rightarrow MappyField 365 \lor 5.0.Zip$.





• Check the box to enable any SDK message processing steps included in the solution and click on Import button to Import the Solution.



- Click on 'Close' after successful completion message is displayed.
- Once you import the solution, it will be displayed in the solutions grid view.

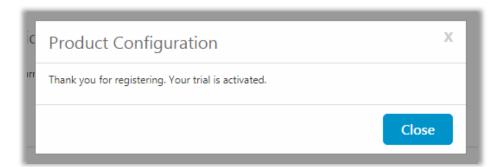


Activate Your Free Trial

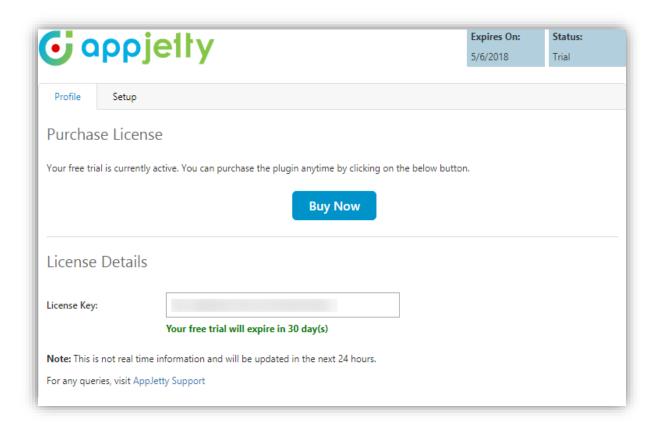
- Double click on 'MappyField 365' solution to configure the plugin with your license key.
- This will open up a new window. Click on 'Configuration' from the options provided on the left side.



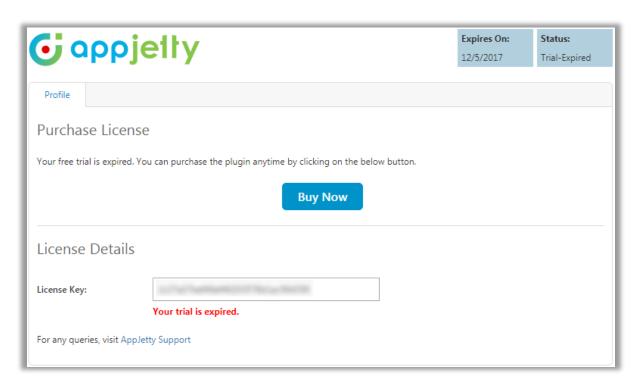
- You can activate your one-month free trial.
- To get a one-month free trial license key, fill out the details and click on 'Activate' button.



• Your trial will get activated and expiry date will be displayed on top.

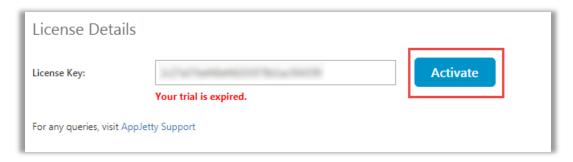


• You can purchase the licensed version any time. To purchase the license, click on 'Buy Now' button.

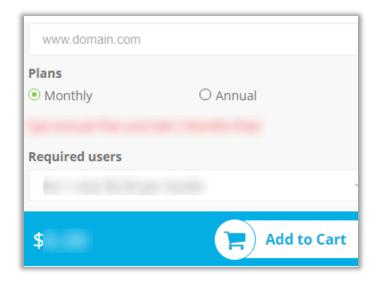


Activation

• On expiration of Trial, a message will appear that the Trial is expired.



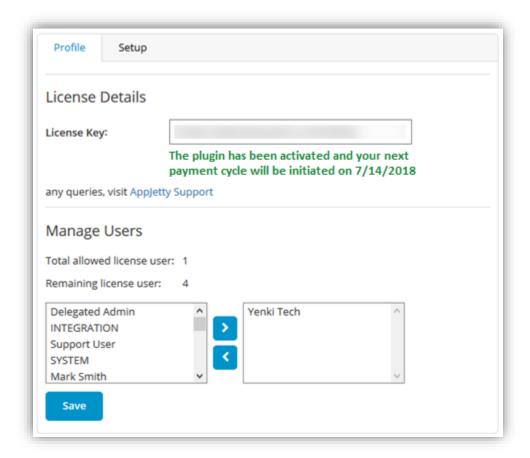
- Now to purchase the license click on 'Buy Now' button.
- This will redirect you to our product page and a pop-up will appear. Click on 'Add to Cart' button and complete the purchase process.



• On successfully completion of the purchase process, you will receive your license key via email along with steps to complete the license configuration.

Insert License Key

- Enter the New License key received in mail. This will enable the 'Activate' button.
- Click on 'Activate' button to activate your license.



Default settings under set up tab can be managed only if a user has System Administrator Role,
 AppJetty MappyField 365 Admin. Or else it would show error message stating "You don't have administrative rights. Please contact administrator."

Setup for Admin

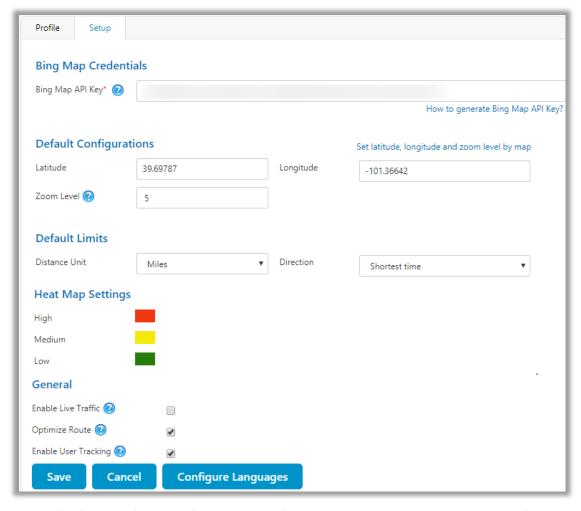
Default Configurations (Setup)

- To manage the default configuration settings for Admin user, click on 'Setup' tab and enter default configurations.
- Admin user can set the default view of the map by configuring from here.



• Bing Map API Key: Enter Bing map API key which you have generated from.

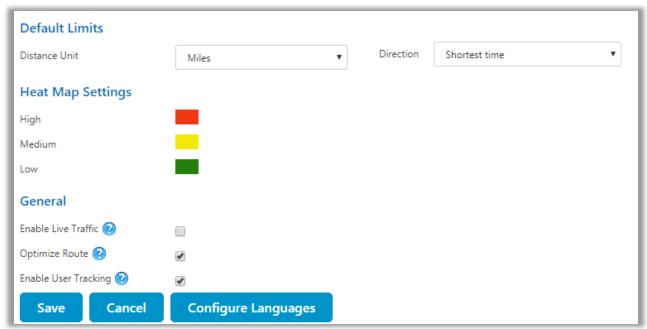
<u>Note</u>: To assist you further, we have added a link beneath the text box that states **How to generate Bing Map API Key**.



• Under "Default Configuration" option, set default **Latitude**, **Longitude** and **Zoom** level for map when it is opened for the first time.

- You can set the default location using the map as well by clicking on "Set latitude, longitude and zoom level on map" option available on the right-hand corner.
- By clicking on it, the map will open in new window. You can set the location by moving the icon as shown in below screenshot.





- Set "Default Limits" for distance unit and direction. Distance unit can be in Kilometers or Miles and Direction can be Shortest Time or Shortest Distance.
- You can also set colors for 'Heat Map' configuration which would indicate the intensity of the data. *i.e.* High, Medium and Low.
- A user can also enable/disable **Live traffic** on Bing Maps and **Optimize** the route using SPF (Shortest Path First) feature from the configuration.
- A user can enable/disable **Live User tracking** feature from configuration to track users.

Configure Languages

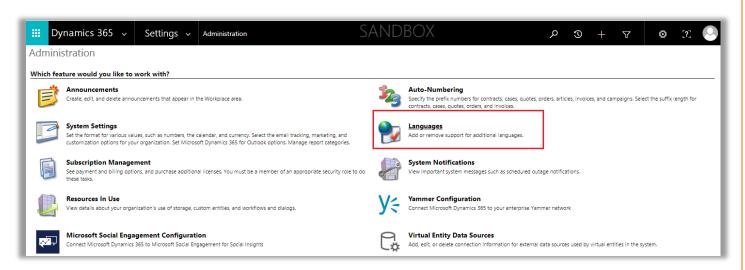
• You can also configure language of your choice by clicking on **Configure Languages** button available on Setup page.

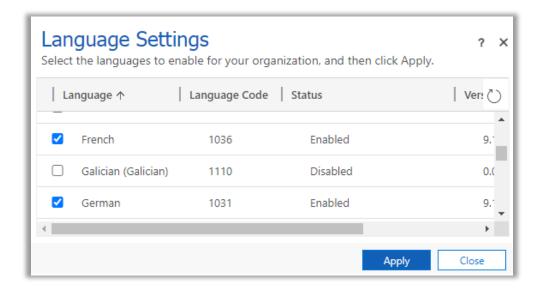


- Select the language from dropdown that you wish to configure your messages.
- Here, you need to add translations for the messages in the language of your choice.
- Click on **Save** button to save the language translations.

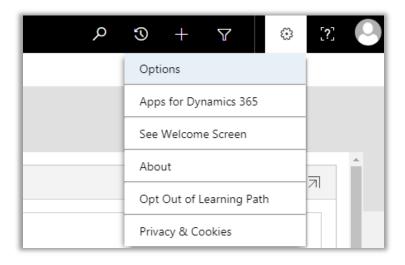
<u>Note</u>: To configure languages, user first needs to manage language settings from CRM. Languages that are selected in CRM can be listed for the MappyField 365.

Go to Settings → Administration → Languages to enable/disable the languages.

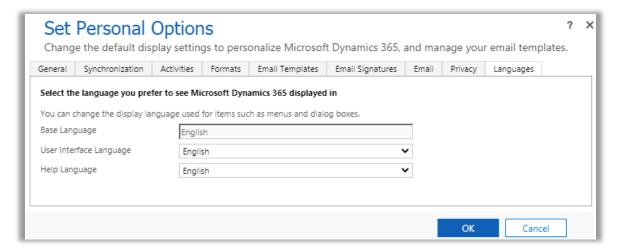




- You can enable or disable multiple languages from the list. After settings the language, click on the **Apply** button. This allows you to change languages in Microsoft Dynamics 365.
 - Click on the Settings gear icon at the top right of the screen, choose Options to open the Set Personal Options window.



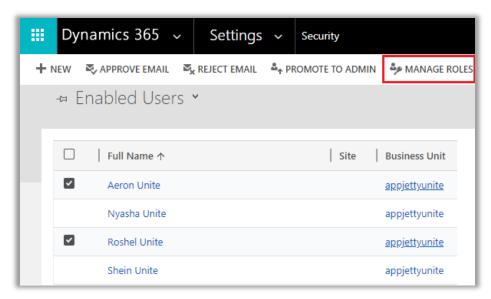
Go to the Languages tab, select your user interface language, then click OK.



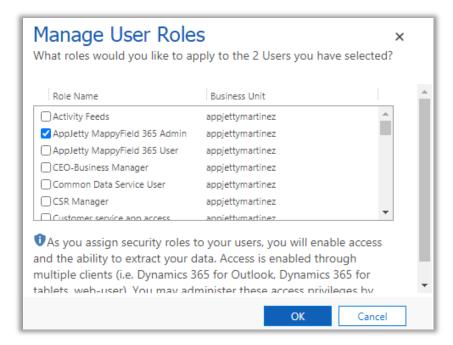
 Once you select the language here, that language will enable in the 'Configure Language' of MappyField 365 Setup.

Assign User Role

• To manage the user roles, navigate to **Settings -> Security -> Users.**



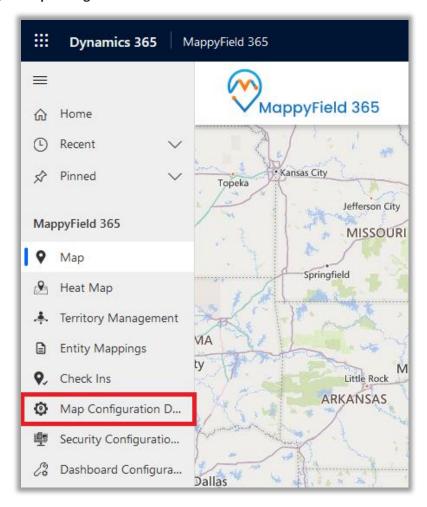
- Now select the users whose roles are to be managed and click on 'MANAGE ROLES.'
- This will open a pop up to select roles.



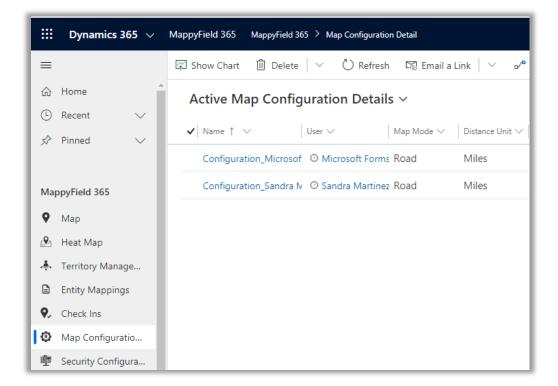
- The available roles for selection are **AppJetty MappyField 365 Admin** *or* **AppJetty MappyField 365 User** role.
- User with AppJetty MappyField 365 Admin role can perform all the actions like System administrator while user with AppJetty MappyField 365 User role can do all actions except delete actions.

User Wise Map Configuration

• On assignment of any role like AppJetty MappyField 365 Admin, AppJetty MappyField 365 User or System Administrator role, configuration settings record must be created. This can be accessed by navigating to **Map Configuration**.

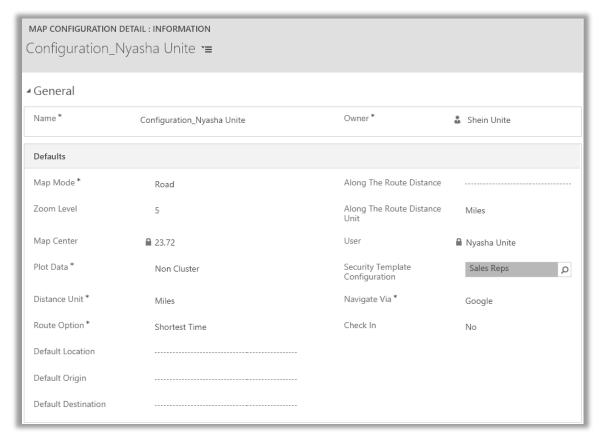


• On navigating to **MappyField 365 Configuration**, it would show list of all the users with MappyField 365 role or System Administrator.



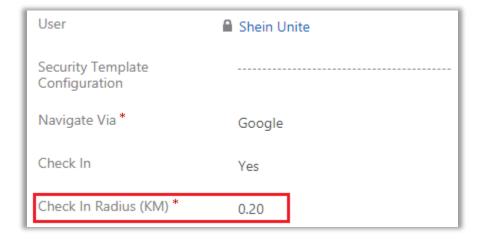
Note: These configurations are default user-based configurations that will be set as default when map is loaded.

- Following are the configurations:
 - Map Mode: User can select default map mode. It can be road or aerial mode.
 - **Zoom Level**: User can set default zoom level for the map. It can also be managed based on settings made from the contextual menu.
 - Plot Data: Default plotting of data can be defined. Either it can be in cluster or non-cluster format.



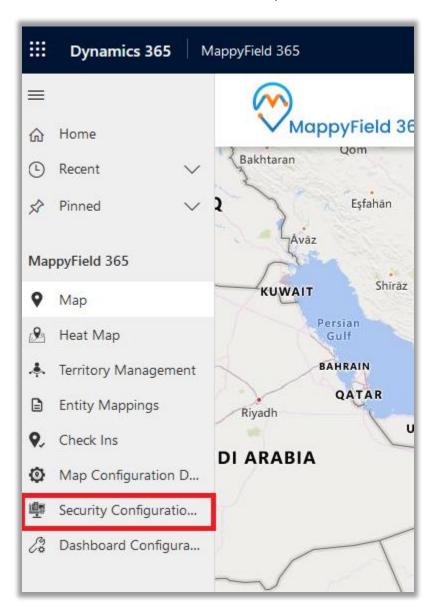
- **Distance Unit**: Default option for distance measuring. Either miles or kilometers.
- Route Options: You can define best way to determine route from this feature.
- **Default Location**: The user can define the default location using this option.
- **Default Origin**: The user can define the default origin using this option. It can also be managed based on settings made from the contextual menu.
- **Default Destination**: The user can define the default destination using this option. It can also be managed based on settings made from the contextual menu.
- Along the route distance: Define radius of along the route search.
- Along the route distance unit: Define default unit for along the route search.
- Security Template Configuration: Define the default 'Security Template' for the user if required.
 Note: Here the list of the Templates will appear as per the Security Template Configurations.
- Navigate via: Select navigate to check the routes by using Google Maps, Waze Map or Apple Map.
 - Check In: Enable or disable the 'Check In' module. If you enable the Check In, Check In Radius (KM), the option will get enabled.
 - Check in Radius: Define Geo Radius that can be allowed to perform any check in.

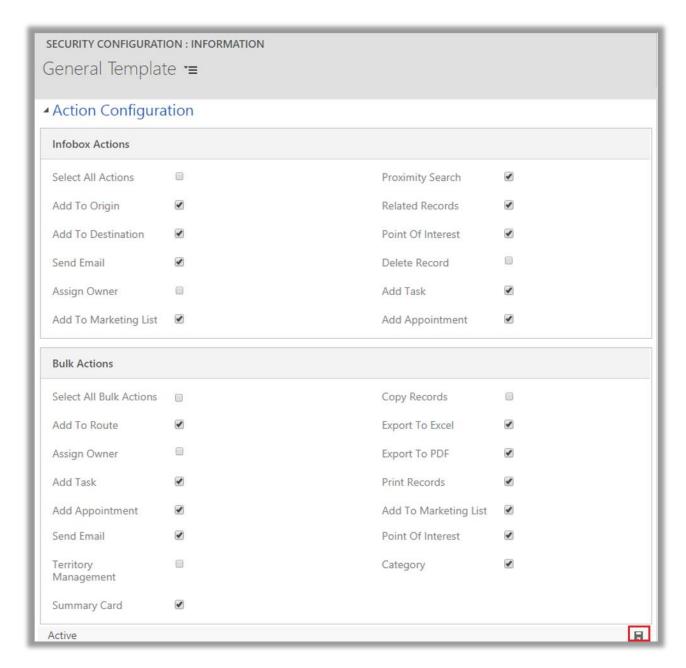
MappyField 365 UM_V.4.2.1- Installation & Configuration



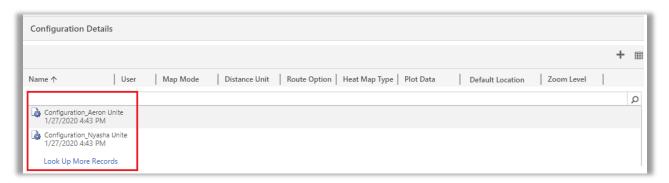
Security Template Configuration

- Only **System administrator** *or* **User** with **AppJetty MappyField 365 Admin role** can create Security Template for other CRM users with AppJetty MappyField 365 User role.
- User admin can assign selected actions to different users using security templates.
- To create a 'security template', navigate to AppJetty -> Security Template Configuration.
- Click on + New button from the action ribbon and enter template name and select all the actions that you want to make available for users with that template.



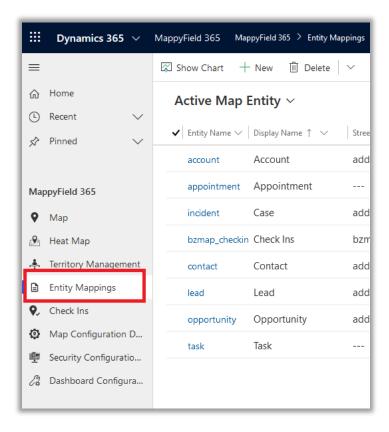


Click on **Save** icon. Upon saving, it would enable Configuration Details section from where you can directly assign that template to a user.

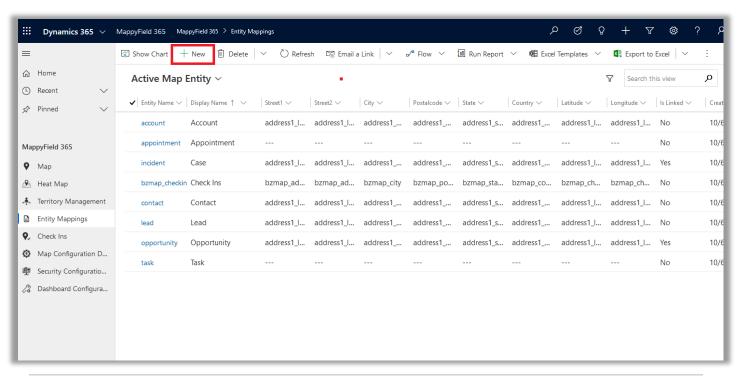


Entity Mappings

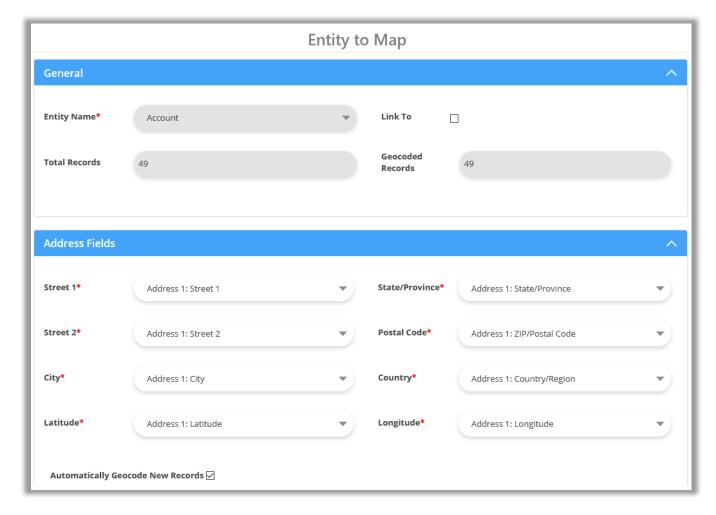
 Navigate to AppJetty -> Entity Mappings to display the entity with its relevant details on the MappyField 365. From here you can add a new entity and configure its required details.



• By clicking on Entity Mapping, the list of entities can be seen which are already mapped.

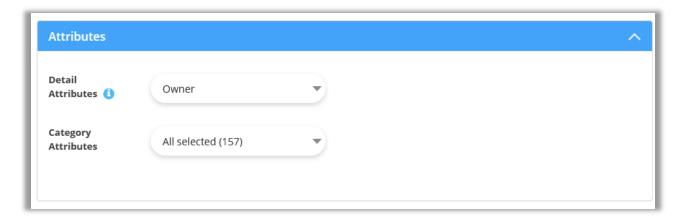


- Click on "New" button, this will open a new window for mapping an entity.
- **Entity Name:** Select the entity you want to map. You can choose from all the entities that are present in the CRM by default or the custom entities created by you.
- **Link To:** Check the link to option to link the selected entity to some other entity. After checking the box, you will get a list of relationships with which you can link the selected entity.



- Activity Entities work only on **Account, Contact** or **Lead** addresses marked as regarding address.
- **Total Records:** It displays how many records the entity contains.
- **Geocoded Records:** It displays how many records are geocoded.
- Address Fields: Select the address fields for the entity, to be used for geocoding. By default, it will consider map's certain address fields. If needed they can be changed.
- **Automatically Geocode New Records**: If it is checked, it geocodes the record automatically as per saving configuration.
- Once you have filled all details, click on "Save" button. Entity will be mapped, and success/failure message will be displayed.

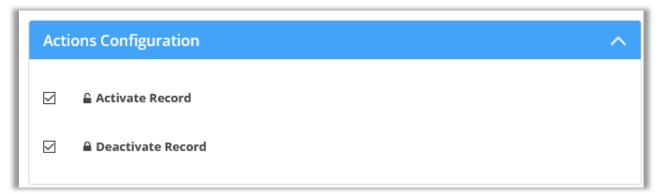
Attributes



- For mapped entities, further configurations can be managed like **Attributes**. It includes **Detail Attributes** and **Category Attributes**.
- 'Detail attributes' are the ones that appear on card upon clicking on 'pushpin pointer' \mathbf{Q} . At max 10 attributes can be selected.
- 'Category attributes' are the ones that appear in dropdown for 'category' selection. You can select as many attributes as you want for category selection.

Action Configuration

- For mapped entities, you can edit action configuration section where you can check/uncheck the action buttons according to your requirement.
- This will reflect on the tooltip card. Here, only those action buttons will be shown that can be changed. Default buttons will not be shown in this configuration section.



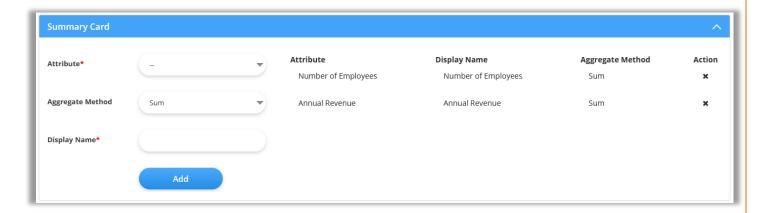
Data Grid Attributes

- From here, you can select the attributes for the **data grid**. When you plot any data in map *or* in heat map, grid data will be displayed according to attributes selected here.
- If 'Display Full Address' checkbox is checked in data grid, it will display records with full address.
- You can select maximum 8 data grid attributes.



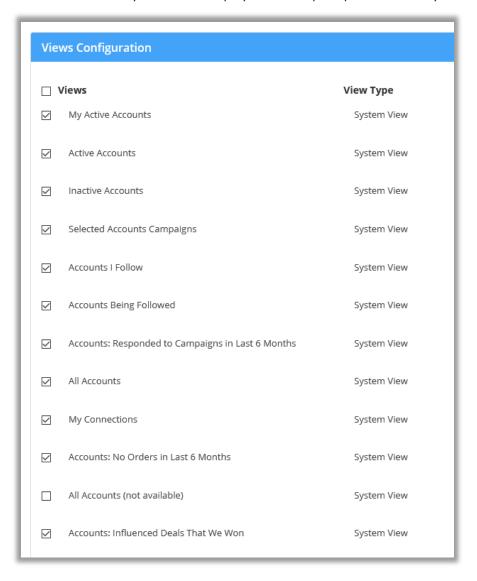
Summary Card Configuration

- You can make configurations related to what you want to display on summary card.
- For summary card of an entity, you can choose the attributes that you want from the dropdown list.
- Also, under aggregate method, you can define the way you want records to be summarized. It can be either sum or average. Also, you may define display name of that attribute.
- By default, it is same as attribute name. All the selected attributes are shown in the list from where it can be removed as well.



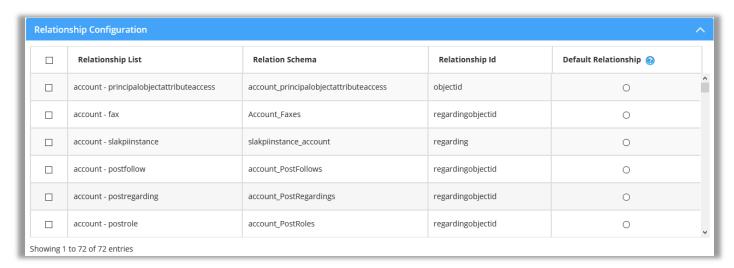
Views Configuration

You can select the view that you want to display on the map for particular entity.

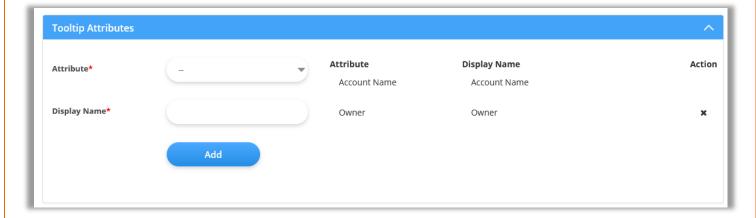


Relationship Configuration

- The selected relationship id from the Relation List and the name gets plotted as part of related records associated with a record.
- In 'Relationship Configuration', Default Relationship 'radio button' is given to display the Default relationship at the time of loading the record map.



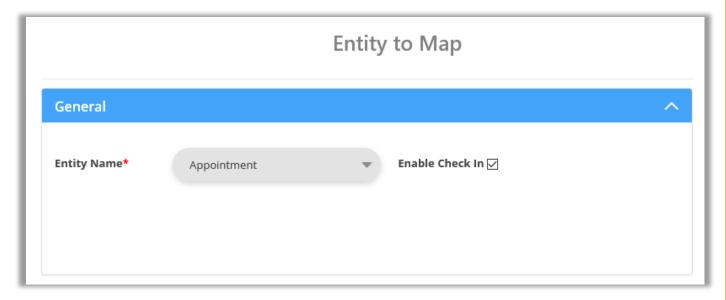
Tooltip Attributes Configuration



- You can make configurations related to what you want to display on 'tool tip' when anyone hovers on that record.
- For that, you can choose the attributes that you want from the dropdown list. You may also define display name of that attribute. By default, it is same as attribute name. All the selected attributes are shown in the list from where it can be removed as well.
- After making all the configurations, click on Update button to complete the process.

Enable Check-In

- You will get Check-In & Check Out options for all activity entities along with Add Notes and Attachment options.
- To enable the **Check In** option for the activities like etc., tick the **Enable Check In** option.

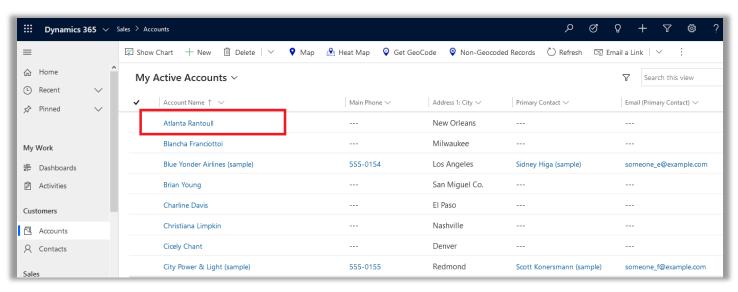


• By checking it, you will get the **Check-In** & **Check-Out** features for your activity.

Geocode Records

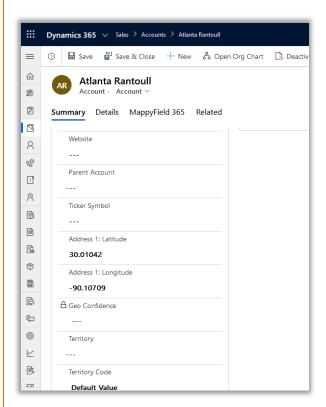
Manually Geocode the Record

• Navigate to the record for which you want to manually set a geocode: Latitude & Longitude.



 You will get the Geocode as per your selection of view. Here you get the Geocode for "My Active Accounts". If you have not selected any record, it will get Geocode for all the Records.

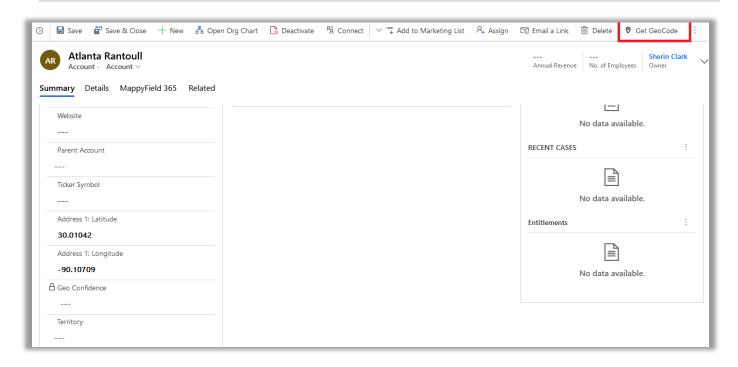
Ex. If you want to geocode any record of account, go to **Sales -> Accounts** and select a record.



- After selecting a record and clicking on Get Geocode, the "Latitude" & "Longitude" will get updated as per the address details.
- If you check, the account details, the Geocode: Latitude & Longitude is updated as shown in the screenshot.

<u>Note</u>: You get option to geocode records only when that particular entity is **mapped** from Entity Mappings configuration.

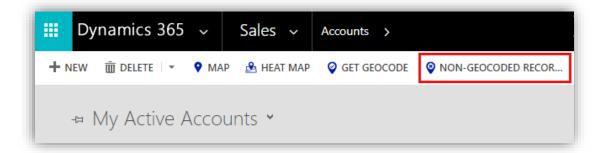
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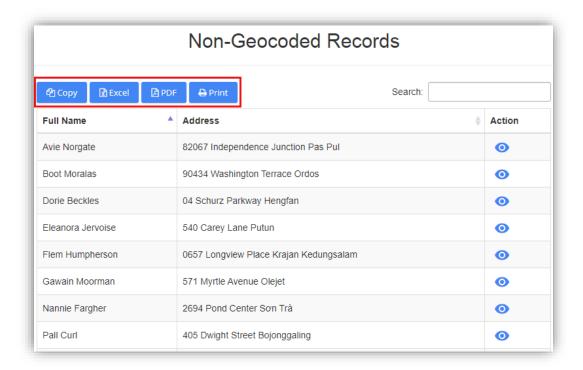
• If you changed the address, then you need to manually geocode that record by clicking on the "Get Geocode" button from the menu.

Non-Geocoded Records

- Navigate to the entity for which you want to get a non-geocode detail.
- For example, if you want to check the Non-Geo Coded records from the multiple records of an account entity, go to Sales -> Account.



- Click on Non-Geocoded Record button, it would show listing of all the non-geocoded records along with their address.
- You can also view details of the record by clicking on view icon ounder action column.

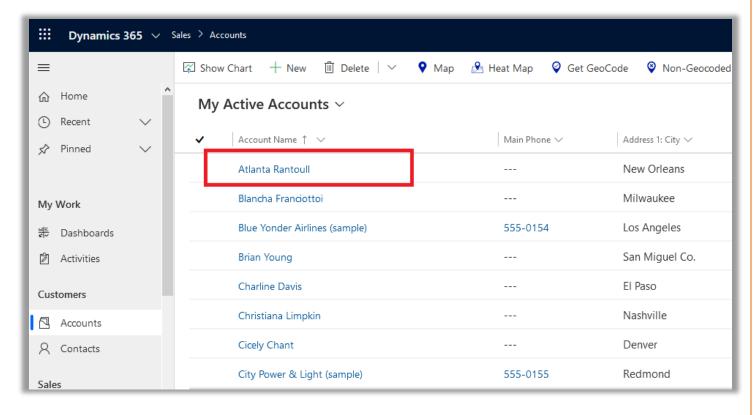


• For the list generated, you can also perform actions like Copy, Excel, Pdf, Print and Search as well.

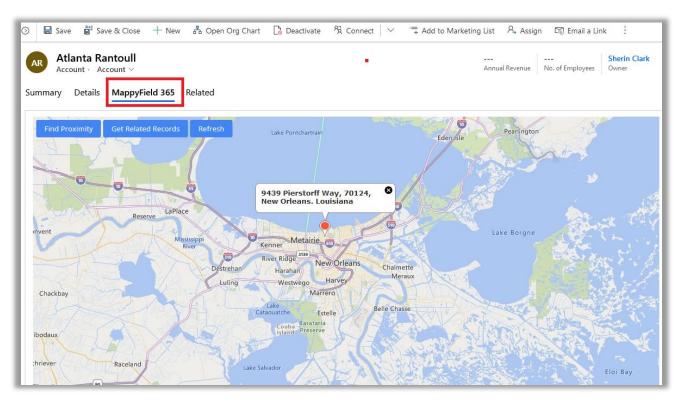
Individual Records on Map View

MappyField 365 section in Record Details

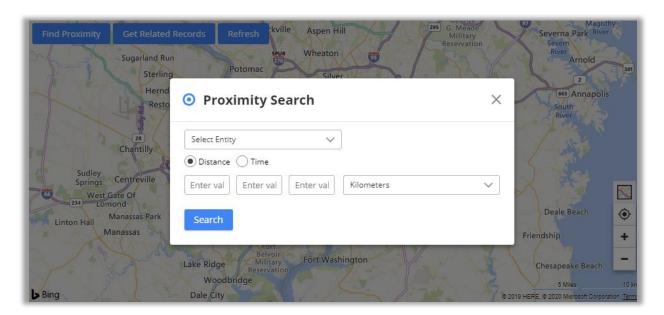
- MappyField 365 is separately provided in the **Details** page of any record of all the mapped entities.
- Click on any record of account entity.



• By clicking on the account name, you will get the summary and the details of that account and by scrolling down, you will get the separate 'MappyField 365' section.



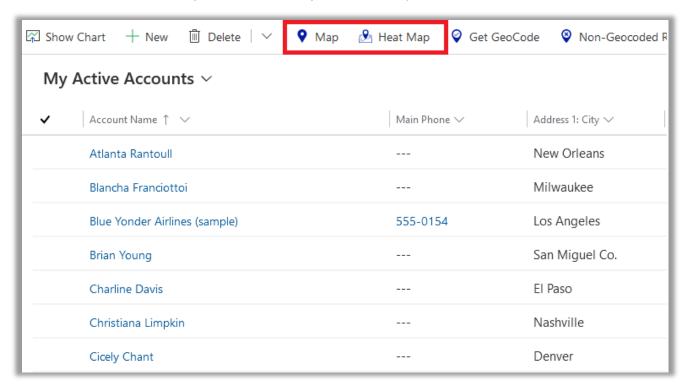
- On map there is a pin $\mathbf{\hat{v}}$ plotted based on the address entered for the record.
- To update the latitude and longitude of the record, you need to move the pin to the desired location. On moving, it would prompt a confirmation message. Click **OK** to update and continue.
- You can update latitude and longitude using record map for records of Account, Contact and Lead Entities.
- Along with that there are three action buttons: **Proximity**, **Get Related Records** and **Refresh**.
- **Find Proximity**: Clicking on it, you can perform proximity search from that pin and find records nearby. It would show records based on entity selected from the dropdown.



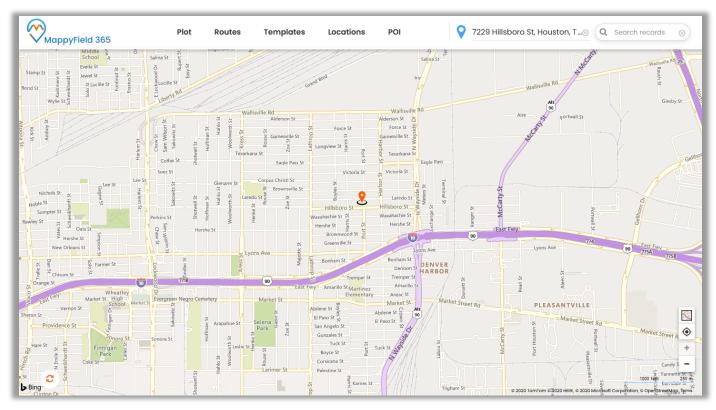
- Get Related Records: This action button would fetch all related records to the plotted pin based on relationship set from the configurations section.
- **Refresh**: This button would just refresh the map to default map type removing any action performed on map.

View Map from Entity Menu

- The map options are provided in all the entities on the header.
- You can access the Map and Heat Map from the Entity.



• By clicking on 'Map' or 'Heat Map', you will be redirected to the details of the Maps for that particular entity.



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- Visit our product page at:
 https://www.appjetty.com/dynamics365-mappyfield-365.htm
 and click on the Live
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- Raise tickets for your specific question!
- Send an email to <u>support@appjetty.com</u> or you can login to your account @ <u>www.appjetty.com</u> and click on My Support Tickets on your account dashboard, to get answers to your specific questions.

Customization:

If you would like to customize or discuss about additional features for **Dynamics CRM MappyField 365**, please write to sales@appjetty.com